

IQGA2 Polyclonal Antibody

Catalog No :	YN1154
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	IQGA2
Fields :	>>Regulation of actin cytoskeleton
Gene Name :	IQGAP2
Protein Name :	Ras GTPase-activating-like protein IQGAP2
Human Gene Id :	10788
Human Swiss Prot No :	Q13576
Mouse Swiss Prot No :	Q3UQ44
Immunogen :	Synthesized peptide derived from human protein . at AA range: 200-280
Specificity :	IQGA2 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :	173kD
Cell Pathway :	Regulates Actin and Cytoskeleton;
Background :	IQ motif containing GTPase activating protein 2(IQGAP2) Homo sapiens This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. [provided by RefSeq, Jul 2008],
Function :	function:Binds to activated CDC42 and RAC1 but does not seem to stimulate their GTPase activity. Associates with calmodulin.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 1 Ras-GAP domain.,similarity:Contains 1 WW domain.,similarity:Contains 3 IQ domains.,tissue specificity:Isoform 2 expression is enhanced in testis.,
Subcellular Location :	cytoplasm,cytosol,microtubule,microvillus,cell surface,actin cytoskeleton,lamellipodium,filopodium,filamentous actin,extracellular exosome,
Expression :	Isoform 2 expression is enhanced in testis.
Sort :	19649
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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